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REPORT NO. [redacted]

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COUNTRY Poland

DATE DISTR. 16 Feb. 1954

SUBJECT The Electrotechnic Institute, Warsaw

NO. OF PAGES 3

DATE OF INFORMATION [redacted]

REFERENCES:

PLACE ACQUIRED [redacted]

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1. The Electrotechnic Institute (Instytut Elektrotechniki - IEL) was formerly known as the Główny Instytut Elektrotechniki. It was located in Warsaw at 68 Piekna Street in a new six-story building. However, [redacted] the Institute would, in the future, be transferred to some place other than Warsaw. [redacted]

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[redacted] (For location see Annex A.)

2. The Institute was subordinate to the Ministry of Machine Industry, and carried out research and studies on phenomena and conditions of work in power installations for the use of the Ministry of Machine Industry and for the Ministry of Power. Prof. Lech JAKUBOWSKI was the director and Prof. LANDO was vice director of the Institute.

3. [redacted] the following laboratories which were part of the Institute, but there were probably others.

- a. High Power Laboratory (Zakład Wielkich Moc). This laboratory functioned under a director named KNOTHE; six or seven engineers were employed there. It occupied two rooms. The laboratory had an alternating current network analyzer which was only partly in operation; there was a second direct current network analyzer for studies on short circuit current. Both analyzers were used for measurements of the electric power network in the districts. This equipment was not accurate and was unstable. The laboratory also carried out studies on the stability of the electric power system and over-voltage.

SECRET

SECRET

50X1

-2-

- 50X1
- b. Laboratory for Remote Control and Measuring Devices (Zaklad Automatyki). This laboratory was under the direction of Dipl. Eng. LEBSON. [] it was engaged in studying methods of measurement of such phenomena as temperature, pressure, humidity, etc. by electrical devices, and, in addition, essential telemetering measurements for short distances by direct current on wired lines. The studies and experiments were on a low level.
- c. Grid Protection Laboratory (Zaklad Zabezpieczen). This laboratory was under the direction of Prof. Eng. ZYDANOWCZ. It had one very small room in which to conduct its work and was equipped with only two testing tables. Three or four engineers were employed there. This laboratory tested various types of strong current protection relays which were to be used for the protection of the electric power network. It also carried out tests on protection relays which were imported to Poland from Switzerland and East Germany. The work carried out in this laboratory was on a low level.
- d. High Tension Laboratory (Zaklad Wysokich Napiec). This laboratory was under the direction of Prof. HASTERMAN. It was located within the grounds of the Warsaw Polytechnic Institute and was also used for educational purposes. The laboratory was engaged in the study of problems on the standardization of insulation and carried out tests on high tension insulators and lightning arrestors.
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- e. Laboratory for Electric Machines (Zaklad Napedow Elektrycznych). [] there was a laboratory within the Institute by this name which was under the direction of Prof. LANDO. This laboratory was located in Miedzylesie /N 52-12, E 21-11/ near Warsaw.
4. The Institute was supplied with electricity from the grid.
5. The Institute was guarded by industrial guards. Visitors were allowed to enter after obtaining passes at the office by the main entrance.

ANNEX

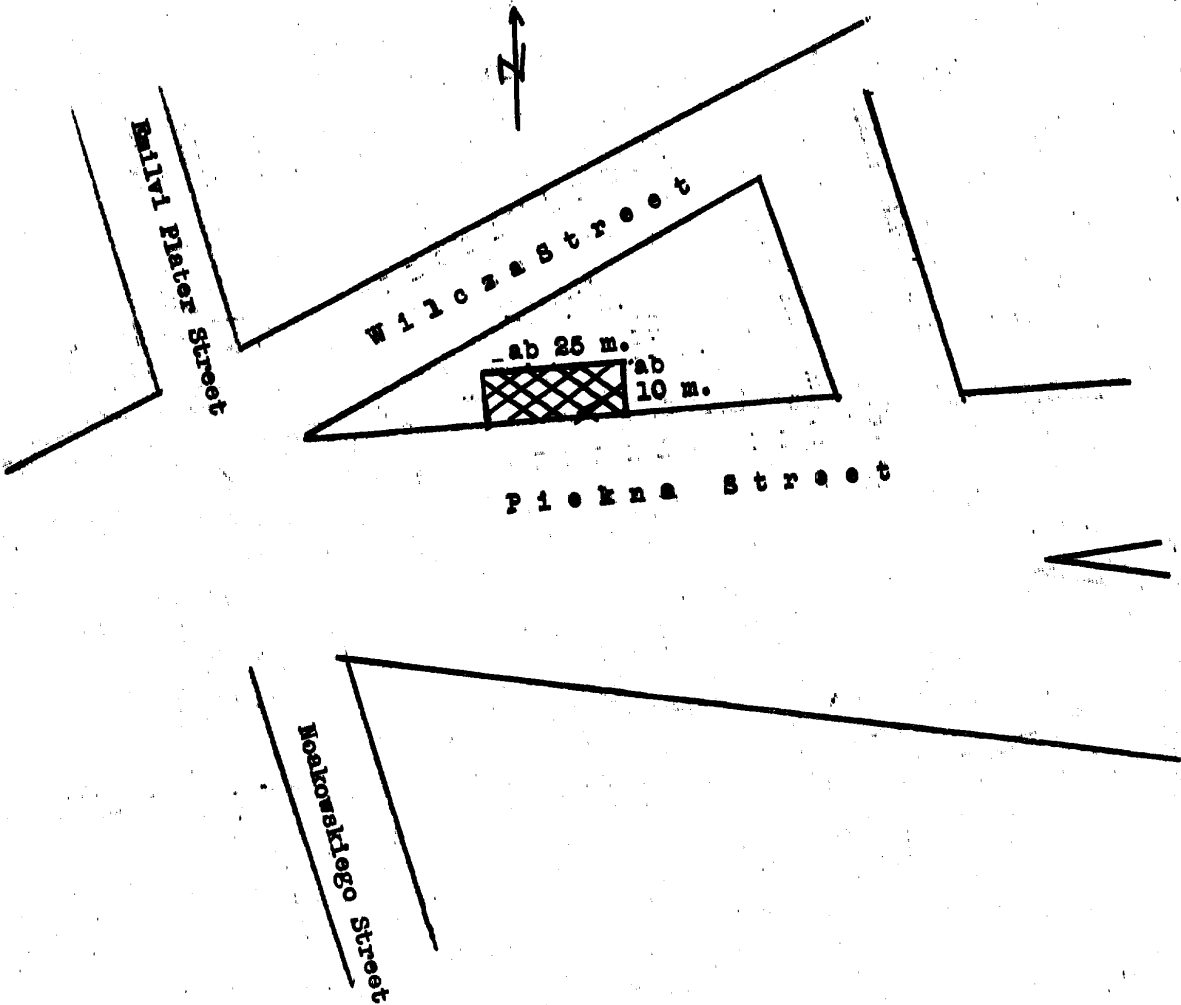
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- A. [] Sketch of the Electrotechnic Institute in Warsaw.

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SECRET
-3-

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Annex A. Sketch of the Electrotechnic Institute in Warsaw
[not to scale]



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